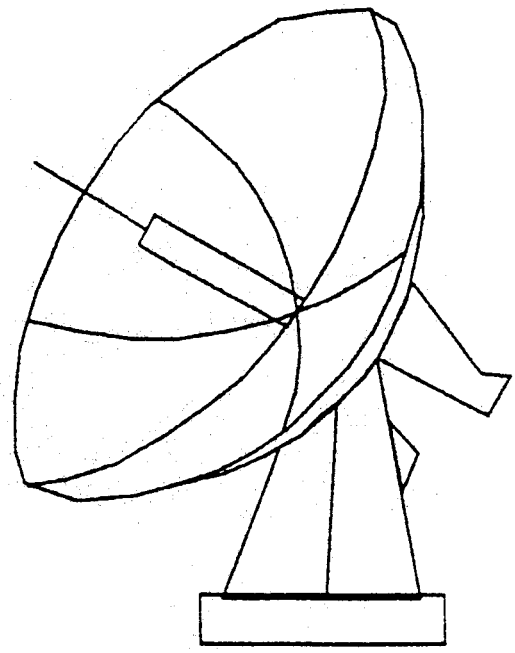
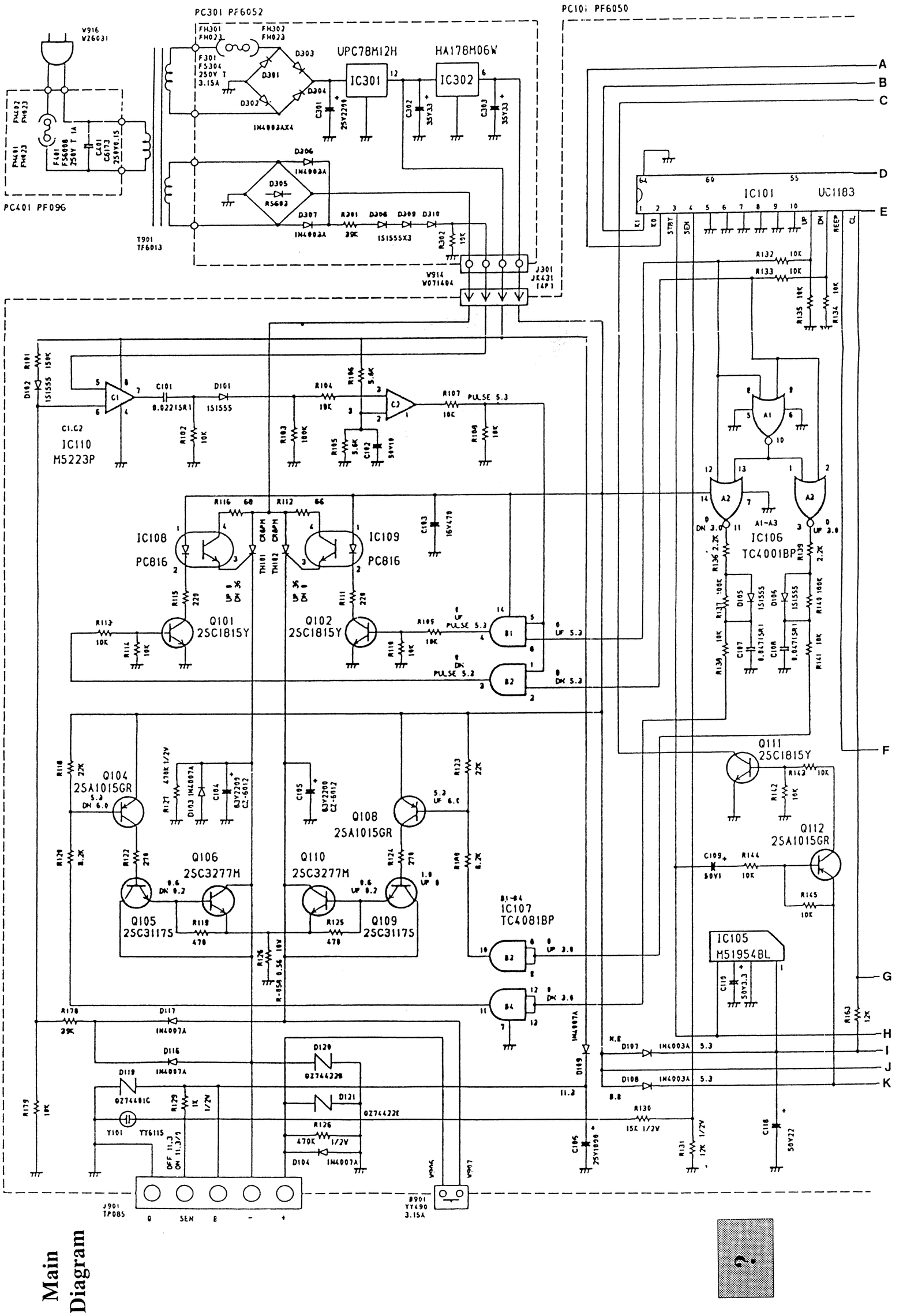
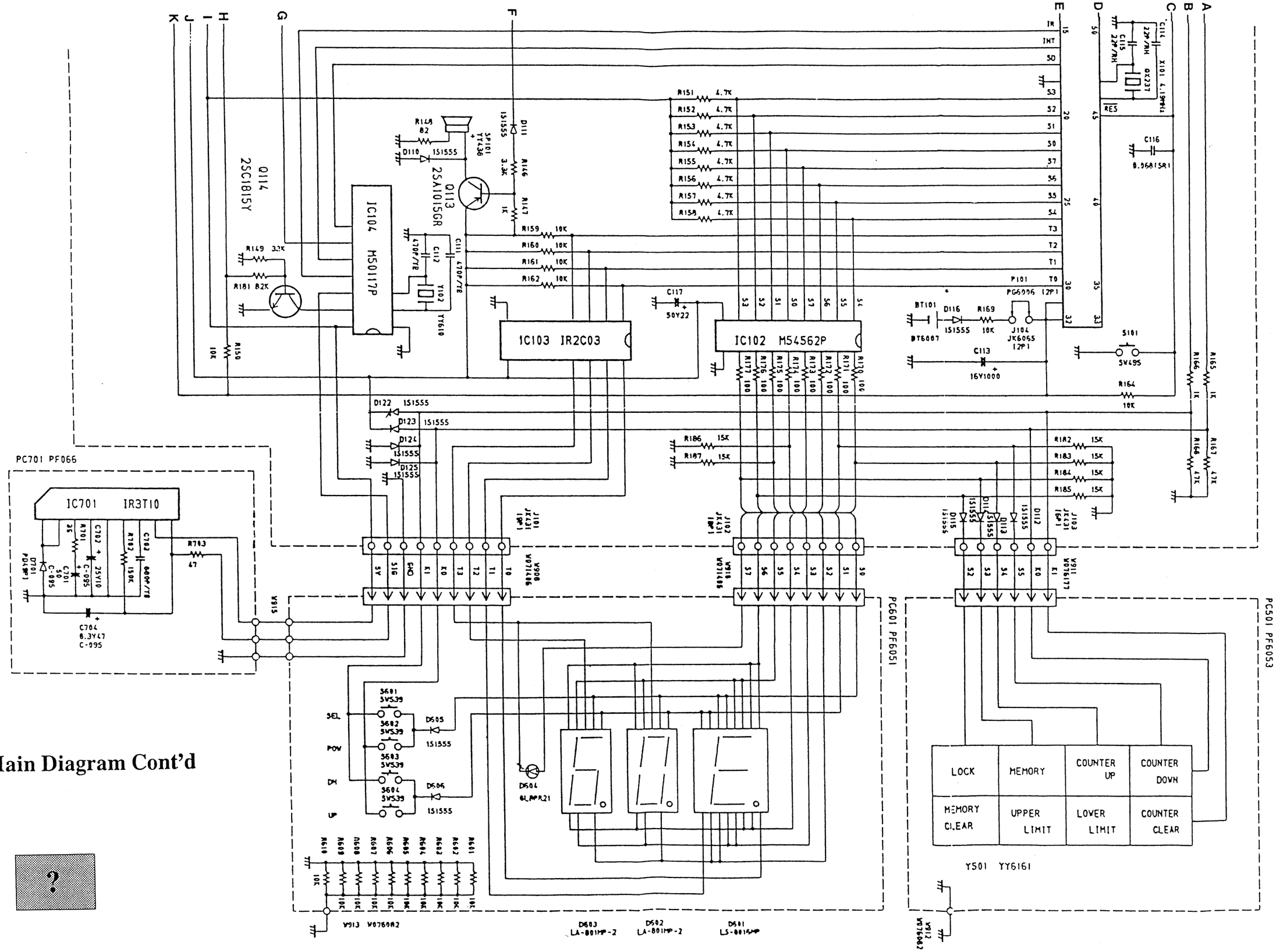


UNIDEN UST - 771

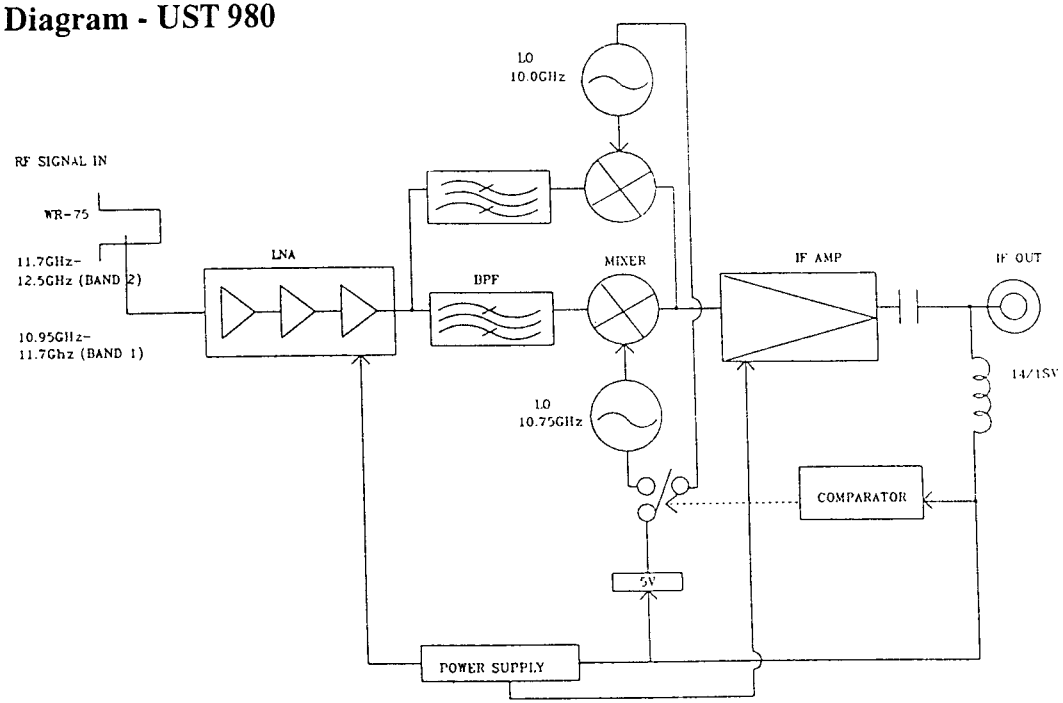
Main Diagram



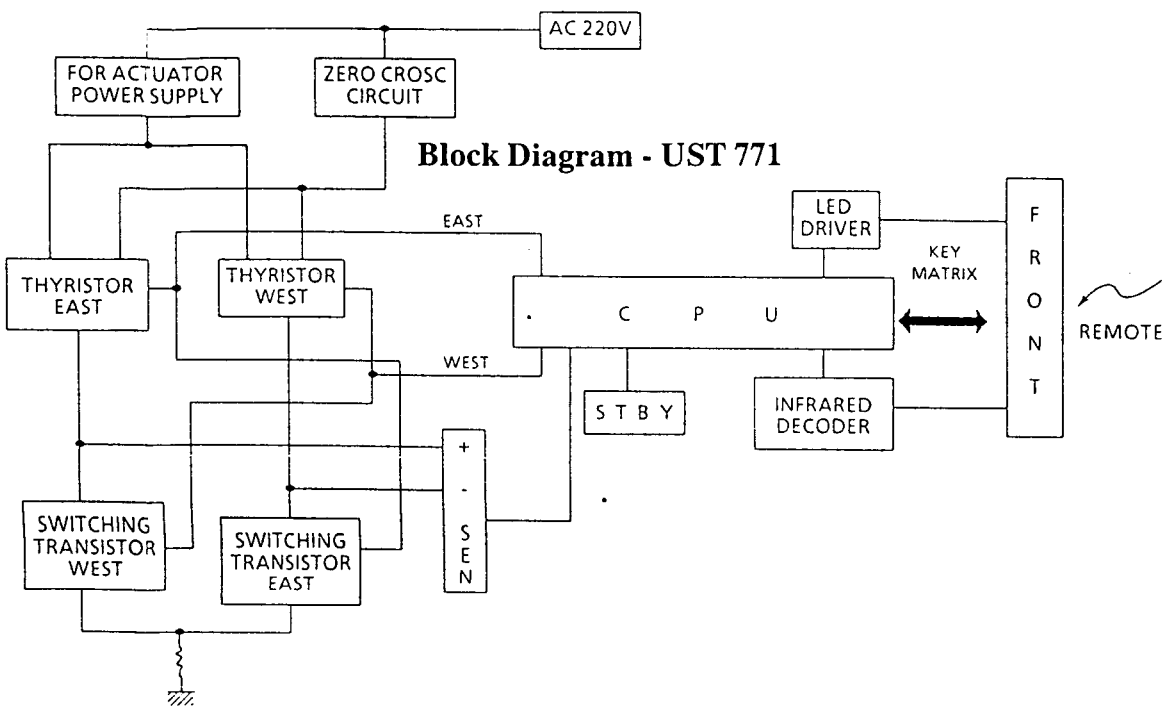
Main Diagram Cont'd



Block Diagram - UST 980



Block Diagram - UST 771



Installation Notes

CAUTION :

Be sure that the UST-771 is properly installed before it is used. Any damage due to improper installation will invalidate the warranty. Make sure connections are sealed from moisture to avoid break in connections.

When using the UST-771 for the first time, start by depressing the RESET-switch Z1 on the rear panel. The unit will automatically be ready for entering the antenna travel limits (the red LED lights on and the display flashes with "▢").

A. STEP 1 : Put actuator in EAST-position.

The actuator inner tube should be retracted as far as possible, leaving only the pivot socket exposed. Rotor type actuators should be put in their extreme EAST position. Use ◁— or —▷ -keys behind the flap to make the actuator move.

B. STEP 2 : Set counter to zero.

The satellite position display on the UST-771 should read 000. If the display is not at 000, press ▢▢▢ -key 12 for more than 4 seconds.

C. STEP 3 : Set the EAST-limit.

Having moved the antenna all the way up to the EAST side physical obstruction, now reverse the travel with about 10 counts. This introduces a safety allowance. Then, press the LIMIT-key for more than 4 seconds to set the travel limit.

Select the limit key corresponding to the direction of the movement (|◁— for ◁— and —▷| for —▷). When the limit is entered, the display shows "<" or ">" correspondingly.

D. STEP 4 : Set the West-limit.

Move the antenna all the way up to the WEST side physical obstruction. Watch carefully if the antenna is really moving to the WEST and that the display is counting with positive figures.

Owing to opposite polarity on the motor terminals, the actuator could move in reverse direction. If you notice such contradictory movement, switch the wires connected to + and - terminals (connector rail Z3) and start again from Step 2.

Now, reverse the travel with about 10 counts to enter |◁— or —▷| -key to set the travel limit.

IMPORTANT : Be sure to set both the east and west limits as described above. If the limits are not set, the actuator will not work properly or may even be damaged.